

## ERRATUM

# Erratum to: Diversity and regeneration status of woody species in Tara Gedam and Abebaye forests, northwestern Ethiopia

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The original version of this article unfortunately contained one mistake in the column (IVI) of Tables 2 and 3 due to wrong formula. The corrected Table 2 and Table 3 should be:

**Table 2. Density, relative density, frequency, relative frequency, basal area, relative basal area and IVI of woody species in Tara Gedam forest**

Species	Density	Relative density (%)	Frequency (%)	Relative frequency (%)	Basal area (m <sup>2</sup> ·ha <sup>-1</sup> )	Relative basal area (%)	IVI
<i>Acacia abyssinica</i>	29.76	0.99	19.05	1.07	2.79	2.41	4.47
<i>Acacia lahai</i>	21.43	0.71	9.52	0.53	0.53	0.46	1.7
<i>Acacia pilispina</i>	60.71	2.02	23.81	1.34	0.19	0.16	3.52
<i>Acanthus polystachius</i>	55.95	1.86	28.57	1.60	0.04	0.03	3.49
<i>Acokanthera schimperi</i>	33.33	1.11	9.52	0.53	-	-	-
<i>Albizia gummifera</i>	252.38	8.41	80.95	4.55	10.58	9.17	22.13
<i>Apodytes dimidiata</i>	20.24	0.67	14.29	0.80	3.39	2.94	4.41
<i>Barleria ventricosa</i>	3.57	0.12	4.76	0.27	-	-	-
<i>Bersama abyssinica</i>	33.33	1.11	23.81	1.34	0.44	0.38	2.83
<i>Bridelia micrantha</i>	5.95	0.20	9.52	0.53	1.39	1.21	1.94
<i>Brucea antidysenterica</i>	19.05	0.63	14.29	0.80	0.01	0.01	1.44

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Continued Table 2

Species	Density	Relative density (%)	Frequency (%)	Relative frequency (%)	Basal area (m <sup>2</sup> ·ha <sup>-1</sup> )	Relative basal area (%)	IVI
<i>Buddleja polystachya</i>	15.48	0.52	14.29	0.80	0.01	0.01	1.33
<i>Calotropis procera</i>	4.76	0.16	4.76	0.27	-	-	-
<i>Calpurnia aurea</i>	245.24	8.17	61.90	3.48	1.08	0.94	12.59
<i>Capparis tomentosa</i>	30.95	1.03	33.33	1.87	-	-	-
<i>Carissa spinarum</i>	96.43	3.21	71.43	4.01	0.58	0.50	7.72
<i>Cissus quadrangularis</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Clausena anisata</i>	23.81	0.79	23.81	1.34	0.02	0.02	2.15
<i>Clematis longicauda</i>	4.76	0.16	9.52	0.53	-	-	-
<i>Clerodendrum myricoides</i>	2.38	0.08	4.76	0.27	0.01	0.01	0.36
<i>Clutia abyssinica</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Clutia lanceolata</i>	59.52	1.98	28.57	1.60	0.03	0.03	3.61
<i>Combretum molle</i>	11.90	0.40	19.05	1.07	0.79	0.68	2.15
<i>Cordia africana</i>	13.10	0.44	19.05	1.07	0.40	0.35	1.86
<i>Croton macrostachyus</i>	61.90	2.06	47.62	2.67	0.47	0.41	5.14
<i>Dodonaea angustifolia</i>	154.76	5.16	33.33	1.87	0.25	0.22	7.25
<i>Dombeya torrida</i>	9.52	0.32	4.76	0.27	0.39	0.34	0.93
<i>Dovyalis abyssinica</i>	8.33	0.28	14.29	0.80	0.37	0.32	1.4
<i>Ehretia cymosa</i>	3.57	0.12	4.76	0.27	-	-	-
<i>Ekebergia capensis</i>	107.14	3.57	38.10	2.14	9.36	8.11	13.82
<i>Embelia schimperi</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Euclea racemosa</i> subsp. <i>schimperi</i>	7.14	0.24	9.52	0.53	0.09	0.08	0.85
<i>Euphorbia abyssinica</i>	20.24	0.67	14.29	0.80	0.12	0.11	1.58
<i>Ficus sur</i>	7.14	0.24	9.52	0.53	1.20	1.04	1.81
<i>Ficus sycomorus</i>	3.57	0.12	4.76	0.27	0.03	0.02	0.41
<i>Ficus thonningii</i>	2.38	0.08	4.76	0.27	0.06	0.05	0.4
<i>Ficus vasta</i>	5.95	0.20	9.52	0.53	7.71	6.68	7.41
<i>Gnidia glauca</i>	11.90	0.40	14.29	0.80	-	-	-
<i>Grewia ferruginea</i>	41.67	1.39	42.86	2.41	0.23	0.20	4
<i>Gymnema sylvestre</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Hymenodictyon floribundum</i>	2.38	0.08	4.76	0.27	0.26	0.23	0.58
<i>Hypericum quartinianum</i>	29.76	0.99	23.81	1.34	-	-	-
<i>Jasminum grandiflorum</i> subsp. <i>floribundum</i>	38.10	1.27	38.10	2.14	-	-	-
<i>Juniperus procera</i>	21.43	0.71	14.29	0.80	0.11	0.10	1.61
<i>Justicia schimperiana</i>	83.33	2.78	9.52	0.53	-	-	-
<i>Lannea schimperi</i>	2.38	0.08	4.76	0.27	0.26	0.23	0.58
<i>Lepidotrichilia volkensii</i>	4.76	0.16	4.76	0.27	-	-	-
<i>Lippia adoensis</i>	22.62	0.75	19.05	1.07	-	-	-
<i>Maesa lanceolata</i>	4.76	0.16	4.76	0.27	0.13	0.11	0.54
<i>Maytenus arbutifolia</i>	45.24	1.51	23.81	1.34	0.07	0.06	2.91
<i>Maytenus obscura</i>	4.76	0.16	9.52	0.53	0.58	0.50	1.19
<i>Maytenus serrata</i>	60.71	2.02	38.10	2.14	0.01	0.01	4.17
<i>Millettia ferruginea</i>	7.14	0.24	9.52	0.53	0.29	0.26	1.03
<i>Mimusops kummel</i>	17.86	0.60	9.52	0.53	0.52	0.45	1.58
<i>Myrsine africana</i>	9.52	0.32	4.76	0.27	0.03	0.03	0.62
<i>Nuxia congesta</i>	41.67	1.39	33.33	1.87	1.60	1.39	4.65
<i>Ocimum urticifolium</i>	53.57	1.79	19.05	1.07	-	-	-
<i>Olea europaea</i> subsp. <i>cuspidata</i>	203.57	6.78	61.90	3.48	47.06	40.79	51.05
<i>Opuntia ficus-indica</i>	4.76	0.16	4.76	0.27	-	-	-
<i>Osyris quadripartita</i>	48.81	1.63	42.86	2.41	0.07	0.06	4.1
<i>Otostegia integrifolia</i>	22.62	0.75	14.29	0.80	-	-	-
<i>Pavetta abyssinica</i>	8.33	0.28	9.52	0.53	0.03	0.02	0.83
<i>Pavetta oliveriana</i>	3.57	0.12	4.76	0.27	-	-	-
<i>Pavonia urens</i>	4.76	0.16	4.76	0.27	-	-	-

Continued Table 2

Species	Density	Relative density (%)	Frequency (%)	Relative frequency (%)	Basal area (m <sup>2</sup> ·ha <sup>-1</sup> )	Relative basal area (%)	IVI
<i>Phoenix reclinata</i>	1.19	0.04	4.76	0.27	-	-	-
<i>Phytolacca dodecandra</i>	5.95	0.20	4.76	0.27	-	-	-
<i>Premna schimperi</i>	39.29	1.31	33.33	1.87	0.26	0.22	3.4
<i>Protea gaguedi</i>	3.57	0.12	4.76	0.27	0.01	0.01	0.4
<i>Prunus africana</i>	5.95	0.20	9.52	0.53	1.42	1.23	1.96
<i>Pterolobium stellatum</i>	67.86	2.26	47.62	2.67	-	-	-
<i>Rhamnus staddo</i>	39.29	1.31	33.33	1.87	0.09	0.08	3.26
<i>Rhus glutinosa</i>	83.33	2.78	47.62	2.67	1.37	1.19	6.64
<i>Rhus vulgaris</i>	29.76	0.99	14.29	0.80	0.02	0.02	1.81
<i>Ritchiea albersii</i>	4.76	0.16	9.52	0.53	0.32	0.28	0.97
<i>Rosa abyssinica</i>	15.48	0.52	23.81	1.34	0.02	0.02	1.88
<i>Rubus steudneri</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Rumex nervosus</i>	42.86	1.43	23.81	1.34	-	-	-
<i>Sapium ellipticum</i>	3.57	0.12	4.76	0.27	0.81	0.70	1.09
<i>Schefflera abyssinica</i>	21.43	0.71	19.05	1.07	11.83	10.26	12.04
<i>Schrebera alata</i>	89.29	2.98	57.14	3.21	2.85	2.47	8.66
<i>Scolopia theifolia</i>	61.90	2.06	33.33	1.87	1.62	1.41	5.34
<i>Senna didymobotrya</i>	17.86	0.60	4.76	0.27	0.03	0.03	0.9
<i>Solanum anguivi</i>	4.76	0.16	9.52	0.53	-	-	-
<i>Solanum giganteum</i>	23.81	0.79	4.76	0.27	0.12	0.10	1.16
<i>Solanum incanum</i>	3.57	0.12	4.76	0.27	-	-	-
<i>Solanum marginatum</i>	7.14	0.24	4.76	0.27	-	-	-
<i>Steganotaenia araliacea</i>	8.33	0.28	14.29	0.80	0.07	0.06	1.14
<i>Stereospermum kunthianum</i>	14.29	0.48	23.81	1.34	0.14	0.12	1.94
<i>Syzygium guineense</i>	2.38	0.08	4.76	0.27	0.15	0.13	0.48
<i>Teclea nobilis</i>	22.62	0.75	23.81	1.34	0.30	0.26	2.35
<i>Urera hypselodendron</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Vernonia amygdalina</i>	19.05	0.63	14.29	0.80	0.01	0.01	1.44
<i>Vernonia brachycalyx</i>	2.38	0.08	4.76	0.27	-	-	-
<i>Vernonia congolensis</i>	3.57	0.12	4.76	0.27	-	-	-
<i>Vernonia myriantha</i>	98.81	3.29	57.14	3.21	0.29	0.26	6.76
<i>Ximenia americana</i>	7.14	0.24	9.52	0.53	0.01	0.01	0.78
Total	3,001.19	100.00	1,780.95	100.00	115.36	100.00	300.00

Table 3. Density, relative density, frequency, relative frequency, basal area, relative basal area and IVI of woody species in Abebaye forest

Species	Density	Relative density (%)	Frequency (%)	Relative frequency (%)	Basal area (m <sup>2</sup> ·ha <sup>-1</sup> )	Relative basal area (%)	IVI
<i>Acacia lahai</i>	486.11	17.06	77.78	3.63	8.01	16.20	36.89
<i>Acacia pilispina</i>	336.11	11.79	100.00	4.66	4.31	8.71	25.16
<i>Acacia seyal</i>	13.89	0.49	11.11	0.52	-	-	-
<i>Acanthus polystachius</i>	261.11	9.16	88.89	4.15	-	-	-
<i>Acokanthera schimperi</i>	13.89	0.49	22.22	1.04	-	-	-
<i>Asparagus africanus</i>	5.56	0.19	11.11	0.52	-	-	-
<i>Bersama abyssinica</i>	50.00	1.75	22.22	1.04	0.07	0.14	2.93
<i>Bridelia micrantha</i>	5.56	0.19	11.11	0.52	0.02	0.03	0.74
<i>Brucea antidysenterica</i>	5.56	0.19	11.11	0.52	-	-	-
<i>Calpurnia aurea</i>	50.00	1.75	44.44	2.07	0.81	1.64	5.46
<i>Capparis tomentosa</i>	102.78	3.61	100.00	4.66	-	-	-
<i>Carissa spinarum</i>	94.44	3.31	77.78	3.63	0.41	0.82	7.76
<i>Celtis africana</i>	13.89	0.49	22.22	1.04	0.03	0.07	1.6
<i>Cissus quadrangularis</i>	41.67	1.46	33.33	1.55	-	-	-
<i>Clematis hirsuta</i>	16.67	0.58	33.33	1.55	-	-	-

Continued Table 3

Species	Density	Relative density (%)	Frequency (%)	Relative frequency (%)	Basal area (m <sup>2</sup> ha <sup>-1</sup> )	Relative basal area (%)	IVI
<i>Clerodendrum myricoides</i>	2.78	0.10	11.11	0.52	-	-	-
<i>Combretum molle</i>	19.44	0.68	22.22	1.04	0.79	1.60	3.32
<i>Commiphora habessinica</i>	8.33	0.29	11.11	0.52	-	-	-
<i>Cordia africana</i>	16.67	0.58	44.44	2.07	0.88	1.77	4.42
<i>Croton macrostachyus</i>	63.89	2.24	100.00	4.66	4.40	8.90	15.8
<i>Dichrostachys cinerea</i>	11.11	0.39	22.22	1.04	-	-	-
<i>Dodonaea angustifolia</i>	58.33	2.05	44.44	2.07	-	-	-
<i>Dombeya torrida</i>	5.56	0.19	11.11	0.52	0.01	0.01	0.72
<i>Dovyalis abyssinica</i>	13.89	0.49	22.22	1.04	-	-	-
<i>Entada abyssinica</i>	22.22	0.78	11.11	0.52	0.52	1.04	2.34
<i>Erythrina abyssinica</i>	8.33	0.29	22.22	1.04	0.01	0.03	1.36
<i>Euclea racemosa</i> subsp. <i>schimperi</i>	27.78	0.97	44.44	2.07	0.04	0.09	3.13
<i>Euphorbia tirucalli</i>	8.33	0.29	11.11	0.52	0.05	0.10	0.91
<i>Ficus sur</i>	5.56	0.19	22.22	1.04	2.46	4.98	6.21
<i>Ficus sycomorus</i>	2.78	0.10	11.11	0.52	2.18	4.41	5.03
<i>Ficus vasta</i>	5.56	0.19	22.22	1.04	16.77	33.91	35.14
<i>Flueggea virosa</i>	5.56	0.19	11.11	0.52	-	-	-
<i>Gardenia ternifolia</i>	22.22	0.78	44.44	2.07	-	-	-
<i>Grewia ferruginea</i>	27.78	0.97	33.33	1.55	0.04	0.09	2.61
<i>Hibiscus macranthus</i>	19.44	0.68	22.22	1.04	-	-	-
<i>Hypericum quartinianum</i>	8.33	0.29	22.22	1.04	-	-	-
<i>Indigofera tinctoria</i>	5.56	0.19	11.11	0.52	-	-	-
<i>Jasminum grandiflorum</i> subsp. <i>floribundum</i>	33.33	1.17	77.78	3.63	-	-	-
<i>Lannea schimperi</i>	2.78	0.10	11.11	0.52	1.07	2.16	2.78
<i>Leonotis ocyimifolia</i>	16.67	0.58	22.22	1.04	-	-	-
<i>Maesa lanceolata</i>	5.56	0.19	11.11	0.52	0.02	0.04	0.75
<i>Maytenus serrata</i>	252.78	8.87	88.89	4.15	-	-	-
<i>Nuxia congesta</i>	13.89	0.49	22.22	1.04	0.17	0.34	1.87
<i>Ocimum urticifolium</i>	77.78	2.73	55.56	2.59	-	-	-
<i>Opuntia ficus-indica</i>	11.11	0.39	11.11	0.52	-	-	-
<i>Osyris quadripartita</i>	22.22	0.78	44.44	2.07	-	-	-
<i>Otostegia tomentosa</i>	22.22	0.78	33.33	1.55	-	-	-
<i>Pavetta abyssinica</i>	11.11	0.39	11.11	0.52	-	-	-
<i>Phytolacca dodecandra</i>	5.56	0.19	11.11	0.52	-	-	-
<i>Pluchea dioscoridis</i>	8.33	0.29	11.11	0.52	-	-	-
<i>Premna schimperi</i>	55.56	1.95	55.56	2.59	0.21	0.43	4.97
<i>Pterolobium stellatum</i>	127.78	4.48	77.78	3.63	-	-	-
<i>Rhoicissus tridentata</i>	13.89	0.49	22.22	1.04	-	-	-
<i>Rhus glutinosa</i>	16.67	0.58	33.33	1.55	0.20	0.41	2.54
<i>Rhus vulgaris</i>	41.67	1.46	33.33	1.55	0.05	0.10	3.11
<i>Ricinus communis</i>	8.33	0.29	11.11	0.52	-	-	-
<i>Sapium ellipticum</i>	8.33	0.29	33.33	1.55	3.34	6.75	8.59
<i>Schrebera alata</i>	22.22	0.78	33.33	1.55	0.08	0.15	2.48
<i>Senna didymobotrya</i>	47.22	1.66	22.22	1.04	-	-	-
<i>Senna singueana</i>	8.33	0.29	22.22	1.04	-	-	-
<i>Sesbania sesban</i>	36.11	1.27	22.22	1.04	-	-	-
<i>Solanum anguivi</i>	2.78	0.10	11.11	0.52	-	-	-
<i>Steganotaenia araliacea</i>	25.00	0.88	33.33	1.55	0.02	0.03	2.46
<i>Stereospermum kunthianum</i>	2.78	0.10	11.11	0.52	-	-	-
<i>Syzygium guineense</i>	8.33	0.29	11.11	0.52	2.40	4.85	5.66
<i>Triumfetta pilosa</i>	8.33	0.29	11.11	0.52	-	-	-
<i>Vernonia myriantha</i>	55.56	1.95	33.33	1.55	0.10	0.19	3.69
<i>Ximenia americana</i>	11.11	0.39	11.11	0.52	-	-	-
Total	2,850.0	100.00	2,144.44	100.00	49.45	100.00	300.00